



FLOOR MUD

2022-06-06

1. PRODUCT NAME

Floor Mud

2. MANUFACTURER

PROFLEX® Products, Inc.

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3. PRODUCT DESCRIPTION

PROFLEX® Floor Mud is a portland cement-based mortar designed for thick setting beds under ceramic or quarry tiles. When mixed to a dry consistency, Floor Mud allows maximum compaction during tamping.

Advantages

- Can be used up to 9" with lath
- Ideal for leveling or creating sloped floors
- Pre-measured packaging for easy mixing, just add water or PROFLEX® Liquid Latex and mix
- Interior or Exterior use
- Excellent workability
- Convenient for small or large jobs

Uses

- Can be used up to 9" with lath
- Shower receptors
- Roofs and concrete decking
- Over plywood substrates (with PROFLEX® HYDRA-SEAL) and lath
- Under ceramic tile, quarry, pavers or stone
- Over and under PROFLEX® HYDRA-SEAL Waterproofing / Crack Isolation Membrane

Packaging

50 lb. bag

Coverage

50 lb. (22.7 kg) bag: approximately 4.25ft² (0.39 m²) at 1" (25 mm) thickness.

Storage

All materials should be stored at 40°F-80°F (4°-27°C) 24 hours prior to installation.

Note: It is the responsibility of the installer/applicator to ensure suitability of the product for its intended use.

Limitations

- Do not use over gypsum underlayment, hardwood, OSB, particle board or parquet flooring.
- Do not use under moisture sensitive floor coverings.
- Do not overwater. Mix to a dry consistency.



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4. TECHNICAL DATA

n/a

5. INSTALLATION

Surface Preparation

Surface must be clean, dry, hard, and free from dirt, loose particles, wax, sealers, curing compounds, grease, paint, efflorescence, and any foreign materials that will inhibit adhesion. Floors must be structurally sound, free of movement and dimensionally stable. All installations must conform to ANSI A108.1. Smooth concrete surfaces must be scarified. Concrete surface must be brought to a saturated surface dry (SSD) condition with clean potable water. All excess water must be removed. All materials should be stored at 40°F (4°C) to 80°F (27°C) 24 hours prior to installation. Note: It is the responsibility of the installer/applicator to ensure the suitability of the product for its intended use.

Mixing

- Use cool, clean, potable water for mixing. Always use clean tools and mixing containers. PROFLEX® Liquid Latex can be used in place of water.
- Add just enough dry mix to the liquid, approximately 2.5 - 3 qt (2.4 L - 2.8 L) per 50 lb (22.7 kg), to produce a dry-pack consistency. Too much liquid will cause the mortar to have reduced strength.
- Mix thoroughly until lump free.
- The consistency and workability should be such to allow maximum compaction during tamping.
- Bucket life is approximately one hour. Warmer temperatures will reduce the bucket life.

Application

Apply only to surfaces that are frost free and above 40°F (4°C) and below 100°F (38°C) within 24 hours of application and 72 hours thereafter. Installation must conform to the current specifications in ANSI A108.5 and the TCNA Handbook for Ceramic Tile Installations.

Floors requiring reinforcement

- When installing mud beds requiring reinforcement, place wire mesh reinforcement in the center of the mortar bed; reinforcement should not butt against vertical surfaces.
- Apply a slurry bond coat and install floor mud to desired thickness.

Shower receptors, steam rooms, and wet areas

- When installing Floor Mud in a shower receptor, steam room or wet areas requiring a waterproof membrane, Floor Mud must be tamped and sloped towards drain at 1/4" (6 mm) per foot and have a waterproof membrane and flanged drain installed prior to Floor Mud installation. Refer to TCNA B414, TR418 and SR613. PROFLEX® HYDRA-SEAL Waterproof / Crack Isolation Membrane on top of the cured mortar bed greatly reduces mold and mildew growth in the shower floor.

Over wood floors

- Install a cleavage membrane (4 mil. polyethylene film or PROFLEX® HYDRA-SEAL) before placing Floor Mud.

Concrete floors without reinforcement

- Apply Floor Mud. The addition of PROFLEX® Liquid Latex provides better adhesion to the existing substrate and strength of the mortar bed.

Installation of tile with wet set method

- Soak tile in clean, potable water until saturated and drain excess water before setting tile. Immerse tile completely during the soaking period. Re-soaking of tile may be necessary if the tile exhibits drying along the edges before setting.
- Apply a coat of white cement over the Floor Mud while still fresh and workable.
- Set tile firmly on the mortar bed. Space tiles to desired grout joint width and bring surfaces to a true level plane. Thoroughly beat tile while the mortar bed is still workable. Coverage under tile should be a minimum



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80% interior or dry areas and 95% exterior or wet areas. Refer to ANSI 108.1A, 108.1B and 108.1C and TCNA Handbook for Ceramic Tile Installation.

Installation of tile with the dry set method

- For installations of tile over a cured floor mud, use PROFLEX® tile setting mortar. Consult the respective product information sheet.

6. AVAILABILITY

PROFLEX® Products are available nationwide.

To locate PROFLEX® products in your area, please contact:

Phone: 877-577-6353

Website: www.proflex.us

7. WARRANTY

PROFLEX® Products, Inc. offers a limited warranty for this product when used in accordance with printed specifications. A copy of the limited warranty can be obtained by calling technical services at 877-577-6353 or visiting www.proflex.us

8. MAINTENANCE

None required, but installation performance and durability may depend on properly maintaining products supplied by other manufacturers.

9. TECHNICAL SERVICES

Technical assistance

Information is available by calling the Technical Support

Toll Free: 877-577-6353

Fax: 863-937-9624

Technical and safety literature: To acquire technical and safety literature, please visit our website www.proflex.us

10. FILING SYSTEM

Division 9